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ALLOCATION	65476
ALLOCATIONS	7950
((FRONT ADJ4 PADDED) ADJ4 ALLOCATION).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	0
(FRONT ADJ4 PADDED ADJ4 ALLOCATION).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	0

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L33

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Search History

DATE: Monday, August 25, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L33	front adj4 padded adj4 allocation	0	L33
L32	l30 same (permission or protect or protection or protecting)	3	L32
L31	l30 same (bound or boundary)	1	L31
L30	capability pointer	66	L30

L29	L28 and l27	19	L29
L28	((page or block) adj2 size) same (number adj2 (page or block)) same segment	161	L28
L27	(multiple or variable or varying) adj2 (page or block) adj2 (size or length)	1248	L27
L26	((block or page) adj3 size) same (('number of blocks') or ('number of pages')) same (identifier or address or page number) same offset	0	L26
L25	((block or page) adj3 size) same (number adj2 (block or page)) same (identifier or address or page number) same offset	130	L25
L24	5845331[uref]	14	L24
L23	l20 same segment	13	L23
L22	l20 same capability	13	L22
L21	L20 and l19	3	L21
L20	(pointer or identifier or ID or descriptor) same size same length same (permission or protect)	88	L20
L19	(((711/2??))!.CCLS.)	4333	L19
L18	((711.2??)!.CCLS.)	0	L18
L17	(object adj (capability or capabilities)) same (permission or protect or protection)	12	L17
L16	object adj (capability or capabilities)	945	L16
L15	(descriptor or capability or pointer) same segment same (bound or limit) same permission	16	L15
L14	(descriptor or capability or pointer) same segment same bound same permission same (size or length) same (number or amount)	0	L14
L13	capability same segment same permission same bound	2	L13
L12	capability pointer	66	L12
L11	guarded adj2 pointer	6	L11
L10	pointer same permission same (capability or capabilities)	23	L10
L9	l7 same capability	24	L9
L8	l7 same address	44	L8
L7	pointer same finger	1884	L7
L6	pointer same ((block or page) adj2 size) same (number adj4 (block or page)) same segment	15	L6
L5	(capability adj2 table) same (address or addressing)	55	L5
L4	capability based addressing	9	L4
L3	capability adj2 (address or addressing)	1223	L3
L2	capability adj4 (address or addressing)	2447	L2
L1	capability same (address or addressing)	23169	L1

END OF SEARCH HISTORY

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1. Citations: **Capability-Based Addressing** - Fabry (ResearchIndex)
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3. [CST-2] [AST] **Capability Based Addressing**
[CST-2] [AST] **Capability Based Addressing**. Pete Campton cst-2@srcf.ucam.org 27 May 2003 14:43:46 +0100: ... Next message: [CST-2] [AST] **Capability Based Addressing**; ...
www.srcf.ucam.org/pipermail/cst-2/2003-May/000647.html cached

4. **Capability**
Capability-Based Addressing. RS Fabry @ UC-Berkeley. Communications of the ACM, July 1974, pages 403-412. Introduction. **Capability**: absolute ...
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7. RFC 2009 (rfc2009) - GPS-**Based Addressing** and Routing
... host that does not support GPS **addressing**, then Network ... In order to provide the **capability** of GPS address routing throughout an IPv4-**based** internetwork, special ...
www.faqs.org/rfcs/rfc2009.html cached | more results from this site

8. Government **addressing** cyber-crime and IT-**Based** threats - govt.nz ...
Government **addressing** cyber-crime and IT-**Based** threats. ... facilitate independent

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R. S. Fabry, `*Capability-based addressing*', Communications of the ACM, 17, (7), 403--412 (1974).

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Object-oriented Issues - Literature Review Nierstrasz (Correct)

....reliability, resilience, recovery and fault tolerance. **Haer**83 Kohl81 Oki83 Shin84 Svob84 Verh78] Security: Security issues for objects seem to be well addressed by capabilities. **The** Hydra system contains some interesting ideas. **The** Landwehr paper is a survey of various techniques and paradigms. **[Cohe75 Fabr74 Land81 Wulf74] Surveys: The following are surveys of various object oriented systems and concepts, or special issues.** See also concepts. **Benn**82 BYTE86 Nier86 Nyga86 Obj85 Obj86 Oops86 Stef85 Stoy84] Transactions: The notion of transactions and atomic actions, particularly nested transactions, is relevant to ....

R.S. Fabry, "*Capability-Based Addressing*", CACM, vol. 17, no. 7, pp. 403-412, July 1974.

Introducing Hybrid: A Unified Object-Oriented System - Nierstrasz Institute Of (Correct)

....locking is typically used to implement this sort of behaviour [Moss81, Verh78] The object manager is also responsible for bringing needed objects into memory and resolving object identifiers to actual memory addresses. **Object identifiers can be thought of as capabilities for addressing objects [Fabr74].** Oids are actually capabilities for sending messages, i.e. for performing operations. **One** thus distinguishes not merely between, say, read and write operations, but between all of the various operations supported by an object. **This** is the same philosophy adopted in the Hydra operating system ....

R.S. Fabry, "*Capability-Based Addressing*", CACM, vol. 17, no. 7, pp. 403-412, July 1974.

Adaptive and Resilient Security for Multi-hop Multi-media Mobile.. - Kong (Correct)

....well proven concept, the capability. **Suppose** all operations concerned have already been approved by the access control model; in this case a network entity can choose to handoff a session to a specific set of network entities by securely delivering its session capability to them. **A capability [19, 22] is formally defined as an unforgeable pair made up of (i) a unique object identifier and (ii) a set of authorised operations as the interface associated with the object.** Security in a capability based model is enforced by three properties: i) capabilities are unforgeable and tamper proof; ii) ....

R. Fabry. *Capability-Based Addressing.* Communication of the ACM, 17(7):403--412, 1974.

Sparsely Faceted Arrays: A Mechanism Supporting Parallel.. - Brown (2002) (1 citation) (Correct)

....nodes. **One** notable departure from the conventional approach is the J machine [51] parallel computer. **In the J machine, all references to objects, distributed or otherwise, are indirected through a segment table on each node; this style of addressing is similar to that used by early capability [14] architectures [39] Using indirection tables allows the J machine to provide distributed objects with arbitrary, globally unique names.** The COSMOS operating system [25] uses the J machine s translation tables to name aggregate objects . Aggregate objects are composed of representative objects ....

R. S. Fabry. *Capability-based addressing.* Communications of the ACM, 17(7):403-- 12, July 1974.

Sparsely Faceted Arrays: A Mechanism Supporting Parallel.. - Brown (2002) (1 citation) (Correct)

....nodes. 17 One notable departure from the conventional approach is the J machine [51] parallel computer. **In the J machine, all references to objects, distributed or otherwise, are indirected through a segment table on each node; this style of addressing is similar to that used by early capability [14] architectures [39]**

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Capability

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... Hardware support for fast **capability**-based **addressing**. ... 12 RS Fabry, **Capability**-based **addressing**, Communications of the ACM, v.17 n.7, p.403-412, July 1974. ...
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